

ABSTRACT OF THE DISCLOSURE

A method and apparatus for decoding compressed video. The method includes reading a stream of compressed video into a memory.

5 The video includes multiple pictures, with each picture having one or more independent elements. Thereafter, assigning, via a first processor of a group of processors sharing the memory, at least one independent element per processor to be decoded by the processors in parallel; and decoding the independent elements of the video stream in parallel.

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